

Special Issue

CRISPR Genome Editing: Principle, Method, Tool and Application

Message from the Guest Editors

Genome editing is becoming a powerful, robust, and versatile tool for gene functional study and for gene therapy, which can lead to improvements in both plants and animals. This field has developed rapidly in recent years, as evidenced in the new Cas that have been identified and the new bioinformatics tools that have been developed. Genome editing is widely used in many fields at present, not only for gene functional study but also for gene therapy and crop improvement. In this Special Issue, both reviews and research papers, as well as method and bioinformatics papers, are welcomed.

- genome editing
- CRISPR/Cas9
- gene functional study
- gene knockout
- gene regulation
- gene therapy
- epigenetic
- plant improvement
- biotechnology

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).